



Please feel free to make copies of this pamphlet and share with others.

We appreciate your help in contacting as many teachers as possible. We want Ohio to see and experience when:

SCIENCE AND ENGINEERING ROCK CLEVELAND.

We hope to see you when the INTEL International Science and Engineering Fair SCIENCE & ENGINEERING ROCK Cleveland in 2003.

For more information regarding the School Visitation days contact Joan Murdock at 440.962.3033.

Or check out the website at:
<http://intelisef2003.org> for information to register your class for a Discovery Room session.

<http://intelisef2003.org>
440.414.5725



The 2003 INTEL International Science and Engineering Fair

May 15-16, 2003

School Visitation

**An opportunity for
students in
Grades 4-12**

The 2003 INTEL International Science and Engineering Fair

The School Visitation days for the 43rd INTEL International Science and Engineering Fair (ISEF) will be held at the Cleveland Convention Center in Cleveland, Ohio on May 15-16, 2003.

The ISEF is the world's largest science and engineering fair in the world. The ISEF hosts over 1,200 of the most curious and capable students in grades 9-12,

During the School Visitation and Public days (May 15-16, 2003), the Discovery Room sessions will be open to school district teachers and students from 9:00A.M. until 2:00P.M. Teachers and students will also have the opportunity to observe the finalists' projects and talk with them about their work. (The finalists will only be available with their projects on Thursday, May 15.)

The Discovery Rooms will feature science topics using hands-on, inquiry-based approaches to teaching science to students grades 4 through 12. Each Discovery Room will have multiple 50-minute sessions each day. Teachers are encouraged to register on-line for the Discovery Room activity appropriate for their students at <http://intelisef2003.org>.

- The RAISE Consortium will present various topics on the Human Body-The Perfect Machine from:
 - John Carroll University
 - Health Museum of Cleveland
 - Lake Metroparks Farmpark
 - Earth Day Coalition
 - Western Reserve Historical Society
 - Cuyahoga Soil and Water Conservation District
- NASA Glenn Research Center will present various aerospace activities and also bring the MAEL (Mobile Aeronautics Education Lab), flight simulation as well as the Vision Dome to the Convention Center.
- OhioView will present "Come See the Earth from Space".

INTEL ISEF May 15-16, 2003

representing almost every state in the U.S. and 40 countries. The ISEF awards over \$3 million in prizes and scholarships each year. Over 5 million students compete in regional and state science fairs in order to have the honor of participating in this prestigious event.

The ISEF encompasses 15 different science and engineering categories: Behavioral and Social Sciences, Biochemistry, Botany, Chemistry, Computer Science, Earth and Space Science, Engineering, Environmental Sciences, Gerontology, Mathematics, Medicine, Health Sciences, Microbiology, Physics, and Zoology.

Here are some samples of the Discovery Room activities:

- Case Western Reserve University will present the "JASON Project"
- Cuyahoga Community College will present FIRST Robotics and LEGO League Engineering
- NASA Glenn Research Center will present a live presentation by Orville and Wilber Wright and their aircraft.
- Battelle Memorial Institute will present "Minorities in Technology- Invention and Innovation"
- GDJ Inc will present "Roller Coaster Physics"
- Lake Erie Science and Nature Center will present "GLOBE"- an environmental mystery.
- Cleveland Metroparks Zoo will present a live animal encounter and animal research session.
- NASA Glenn Research Center will host a panel of current and former astronauts along with a Russian cosmonaut.
- Great Lakes Science Center will offer special programming to complement the ISEF events on both days.